

**ABSTRACT OF THE DISCLOSURE**

[0051] A well stimulation tool includes a well stimulation tool mandrel with an axial bore having an internal diameter large enough to permit a backpressure plug to be run through the mandrel into a tubing mandrel, such as a tubing hanger or a casing mandrel, to which the well stimulation tool mandrel is secured. This permits well stimulation to be performed through a tubing string suspended in the well by the tubing mandrel, without requiring wireline services.